

# INTERNATIONAL SEARCH REPORT

Int'l. Appl. No.  
PCT/GB 97/02492

A. CLASSIFICATION OF SUBJECT MATTER		
IPC 6 G02B5/28 G02B5/20 C03C17/36		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
IPC 6 G02B C03C		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practical, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 4 408 825 A (STELMACK LAWRENCE A) 11 October 1983 see column 2, line 9 - line 66; figure 1 ---	1-6,8,9, 21,30,31
X	EP 0 080 182 A (TOYODA CHUO KENKYUSHO KK) 1 June 1983 see page 6 - page 8; example 1 ---	1-5,15, 21,24, 30,34
X	US 4 320 155 A (GILLERY F HOWARD) 16 March 1982 see example 1 ---	1
X	US 4 590 118 A (YATABE TOSHIAKI ET AL) 20 May 1986 see column 2, line 10 - line 29 ---	30 -/-
<input checked="" type="checkbox"/> Further documents are listed in the continuation of box C.		<input checked="" type="checkbox"/> Patent family members are listed in annex.
* Special categories of cited documents		
'A' document defining the general state of the art which is not considered to be of particular relevance		
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'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		
'O' document referring to an oral disclosure, use, exhibition or other means		
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'T' later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention		
'X' document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone		
'Y' document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		
'Z' document member of the same patent family		
Date of the actual completion of the international search		Date of mailing of the international search report
17 December 1997		09.01.98
Name and mailing address of the ISA		Authorized officer
European Patent Office, P.B. 5810 Patentzaan 2 NL - 2280 MV Rijswijk Tel. (+31-70) 340-2040, Te. 31 651 epo nl, Fax: (+31-70) 340-3016		von Moers, F

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 214 530 A (COOMBS PAUL G ET AL) 25 May 1993 cited in the application see column 2, line 24 - column 3, line 35 ---	1,20
A	US 5 437 931 A (TSAI RUNG-YWAN ET ALA) 1 August 1995 see column 1 - column 4; figures 1-3 ---	1,30,40, 42
A	PATENT ABSTRACTS OF JAPAN vol. 014, no. 397 (C-0752), 28 August 1990 & JP 02 149448 A (NIPPON SHEET GLASS CO LTD), 8 June 1990, see abstract ---	15,24
A	US 4 393 095 A (GREENBERG CHARLES B) 12 July 1983 see example 3 -----	16-18, 35-37

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